

=> s CD40 (9A) (cytoplasm or cytosol##)

666 CD40

104550 CYTOPLASM##

40588 CYTOSOL##

L1 15 CD40 (9A) (CYTOPLASM## OR CYTOSOL##)

=> d 1-15

L1 ANSWER 1 OF 15 MEDLINE

AN 96136758 MEDLINE

TI A novel function of CD40: induction of cell death in transformed cells.

AU Hess S; Engelmann H

CS Institute for Immunology, University of Munich, Germany.

SO JOURNAL OF EXPERIMENTAL MEDICINE, (1996 Jan 1) 183 (1) 159-67.
Journal code: I2V. ISSN: 0022-1007.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 9604

L1 ANSWER 2 OF 15 MEDLINE

AN 95279355 MEDLINE

TI Activation of the B-cell surface receptor CD40 induces A20, a novel zinc finger protein that inhibits apoptosis.

AU Sarma V; Lin Z; Clark L; Rust B M; Tewari M; Noelle R J; Dixit V M

CS Department of Pathology, University of Michigan Medical School, Ann Arbor 48109, USA..

NC CA61348 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 May 26) 270 (21) 12343-6.
Journal code: HIV. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 9509

L1 ANSWER 3 OF 15 MEDLINE

AN 95184010 MEDLINE

TI Involvement of CRAF1, a relative of TRAF, in CD40 signaling.

AU Cheng G; Cleary A M; Ye Z S; Hong D I; Lederman S; Baltimore D

CS Department of Biology, Massachusetts Institute of Technology, Cambridge 02139..

NC 5-T32-GM07367 (NIGMS)

A122346 (NCI)

~~R01-CA55713~~

SO SCIENCE, (1995 Mar 10) 267 (5203) 1494-8.

Journal code: UJ7. ISSN: 0036-8075.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals; Cancer Journals
OS GENBANK-U21050; GENBANK-U21092
EM 9506

L1 ANSWER 4 OF 15 MEDLINE
AN 95154905 MEDLINE
TI Protein tyrosine kinase activation and protein kinase C
translocation are functional components of CD40 signal transduction
in resting human B cells.
AU Ren C L; Fu S M; Geha R S
CS Division of Immunology, Children's Hospital, Boston, MA..
NC AI07306 (NIAID)
AI31136-01A1 (NIAID)
AI31541 (NIAID)

+
SO IMMUNOLOGICAL INVESTIGATIONS, (1994 Nov) 23 (6-7) 437-48.
Journal code: GI5. ISSN: 0882-0139.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 9505

L1 ANSWER 5 OF 15 MEDLINE
AN 95148226 MEDLINE
TI The Epstein-Barr virus latent membrane protein-1 (LMP1) mediates
activation of NF-kappa B and cell surface phenotype via two effector
regions in its carboxy-terminal cytoplasmic domain.
AU Huen D S; Henderson S A; Croom-Carter D; Rowe M
CS Institute for Cancer Studies, University of Birmingham Medical
School, UK..

SO ONCOGENE, (1995 Feb 2) 10 (3) 549-60.
Journal code: ONC. ISSN: 0950-9232.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9505

L1 ANSWER 6 OF 15 MEDLINE
AN 95129692 MEDLINE
TI A novel member of the TRAF family of putative signal transducing
proteins binds to the cytosolic domain of CD40.
AU Sato T; Irie S; Reed J C
CS La Jolla Cancer Research Foundation, Oncogene & Tumor Suppressor
Gene Program, CA 92037..

SO FEBS LETTERS, (1995 Jan 23) 358 (2) 113-8.
Journal code: EUH. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals; Cancer Journals
EM 9504

L1 ANSWER 7 OF 15 MEDLINE
AN 95073988 MEDLINE
TI A novel RING finger protein interacts with the cytoplasmic
domain of CD40.
AU Hu H M; O'Rourke K; Boguski M S; Dixit V M
CS Department of Pathology, University of Michigan Medical School, Ann
Arbor 48109..
NC CA61348 (NCI)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Dec 2) 269 (48) 30069-72.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
OS GENBANK-U15637
EM 9503

L1 ANSWER 8 OF 15 MEDLINE
AN 95016418 MEDLINE
TI Activation of human dendritic cells through CD40 cross-linking.
AU Caux C; Massacrier C; Vanbervliet B; Dubois B; Van Kooten C; Durand
I; Banchereau J
CS Schering-Plough, Laboratory for Immunological Research, Dardilly,
France..
SO JOURNAL OF EXPERIMENTAL MEDICINE, (1994 Oct 1) 180 (4) 1263-72.
Journal code: I2V. ISSN: 0022-1007.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 9501

L1 ANSWER 9 OF 15 MEDLINE
AN 94292788 MEDLINE
TI Cross-linking CD40 on human B cell precursors inhibits or enhances
growth depending on the stage of development and the IL costimulus.
AU Larson A W; LeBien T W
CS Department of Laboratory Medicine and Pathology, University of
Minnesota Medical School, Minneapolis 55455..
NC R01 CA-31685 (NCI)
P01 CA-21737 (NCI)
SO JOURNAL OF IMMUNOLOGY, (1994 Jul 15) 153 (2) 584-94.
Journal code: IFB. ISSN: 0022-1767.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals
EM 9410

L1 ANSWER 10 OF 15 MEDLINE
 AN 94178796 MEDLINE
 TI Similar CD40 ligand expression on EL-4 thymoma cell lines with widely different helper activity for B lymphocytes.
 AU Werner-Favre C; Gauchat J F; Mazzei G; Aubry J P; Bonnefoy J Y; Zubler R H
 CS Department of Medicine, Hopital Cantonal Universitaire, Gen`eve, Switzerland.
 SO IMMUNOLOGY, (1994 Jan) 81 (1) 111-4.
 Journal code: GH7. ISSN: 0019-2805.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals; Cancer Journals
 EM 9406

L1 ANSWER 11 OF 15 MEDLINE
 AN 94121159 MEDLINE
 TI CD40 expression in Hodgkin's disease [see comments].
 CM Comment in: Am J Pathol 1995 Mar;146(3):780-1
 AU O'Grady J T; Stewart S; Lowrey J; Howie S E; Krajewski A S
 CS Department of Pathology, University of Edinburgh, United Kingdom..
 SO AMERICAN JOURNAL OF PATHOLOGY, (1994 Jan) 144 (1) 21-6.
 Journal code: 3RS. ISSN: 0002-9440.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals
 EM 9404

L1 ANSWER 12 OF 15 MEDLINE
 AN 94110614 MEDLINE
 TI CD40 molecules induce down-modulation and endocytosis of T cell surface T cell-B cell activating molecule/CD40-L. Potential role in regulating helper effector function.
 AU Yellin M J; Sippel K; Inghirami G; Covey L R; Lee J J; Sinning J; Clark E A; Chess L; Lederman S
 CS Department of Medicine, Columbia University, New York, NY 10032..
 NC RO-1-CA-55713 (NCI)
 PO1-A1-26886 (NIAID)
 RO-1-AI-14969
 +
 SO JOURNAL OF IMMUNOLOGY, (1994 Jan 15) 152 (2) 598-608.
 Journal code: IFB. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals
 EM 9404

L1 ANSWER 13 OF 15 MEDLINE
 AN 93283035 MEDLINE

TI B-cell development in man.
 AU Burrows P D; Cooper M D
 CS Department of Medicine, University of Alabama, Birmingham..
 NC AI30879 (NIAID)
 CA13148 (NCI)
 SO CURRENT OPINION IN IMMUNOLOGY, (1993 Apr) 5 (2) 201-6. Ref: 52
 Journal code: AH1. ISSN: 0952-7915.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 9309

L1 ANSWER 14 OF 15 MEDLINE
 AN 91170704 MEDLINE
 TI CD40 signaling activates CD11a/CD18 (LFA-1)-mediated adhesion in B cells.
 AU Barrett T B; Shu G; Clark E A
 CS Department of Microbiology, University of Washington, Seattle
 98195..
 NC DE08229 (NIDR)
 GM37905 (NIGMS)
 RR00166 (NCRR)
 SO JOURNAL OF IMMUNOLOGY, (1991 Mar 15) 146 (6) 1722-9.
 Journal code: IFB. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals
 EM 9106

L1 ANSWER 15 OF 15 MEDLINE
 AN 90347191 MEDLINE
 TI Association between IL-6 and CD40 signaling. IL-6 induces phosphorylation of CD40 receptors.
 AU Clark E A; Shu G
 CS Department of Microbiology, University of Washington, Seattle
 98195..
 NC GM37905 (NIGMS)
 RR00166 (NCRR)
 SO JOURNAL OF IMMUNOLOGY, (1990 Sep 1) 145 (5) 1400-6.
 Journal code: IFB. ISSN: 0022-1767.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals; Cancer Journals
 EM 9011

=> d hist

(FILE 'USPAT' ENTERED AT 13:20:55 ON 20 MAR 96)

L1 17 S CD40

L2 11280 S (SIGNALING OR SIGNAL TRANSDUCING OR BINDING OR ASSOCIATE

D) (4R) (protein # or peptide # or polypeptide # or factor #)

L3 0 S (CRAF OR TRAF OR CAP OR LAP) (9A) (CYTOSOLIC OR CYTOPLAS

MIC

L4 758 S (CRAF OR TRAF OR CAP OR LAP) AND L2

L5 4 S L1 AND L2

L6 0 S L1 AND L4